

Session Program

8–12 Sept 2026

Forum Acusticum 2026

***A22.04 Propagation, Modeling and Simulation of Underwater
Sound Fields***

Thursday 10 September

15:00

18:00

A22.04 Propagation, Modeling and Simulation of Underwater Sound Fields: P434

Session | Location: Messe Congress Graz, Messehalle (Poster+Exhibition) | Conveners: María Campo-Valera, Dídac Diego-Tortosa

15:00–18:00	Dynamic acoustic field modeling of internal solitary waves in the South China Sea and their impact on hydroacoustic detection Speaker Lintai Rong
15:00–18:00	Acoustic Leaky Waves Antenna for Underwater Applications: Analysis and Performance Speaker María Campo-Valera
15:00–18:00	Broadband Underwater Acoustic Absorption using a Tilted Cylindrical Inclusion in a Simplified Coating Design Speaker Vineeth P R

Friday 11 September

09:00

A22.04 Propagation, Modeling and Simulation of Underwater Sound Fields: S159

Session | Location: Messe Congress Graz, Saal 11A | Conveners: Dídac Diego-Tortosa, María Campo-Valera

09:00–09:20 **Small leak detection in viscoelastic water pipes using the acoustic pressure gradient**

Speaker

Edward John

09:20–09:40

Adaptive Chip-Level Delay--Doppler Tracking for DSSS-Based Underwater Acoustic Platforms

Speaker

Jie Wu

09:40–10:00

Operational Underwater Noise from a Monopile-Supported Offshore Wind Turbine: A vibroacoustic Analysis

Speaker

Raúl Sanz-Ramírez

10:00–10:20

Automatic Three-Dimensional Acoustic Field Mapping for Water Tank-Based Bioacoustic Experiments

Speaker

Ignasi Nou-Plana

10:20